AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:

detecting data for a client, the data being detected on a server in a cellular

network having one or more servers;

determining the client's paging address;

in response to detecting data for the client, utilizing a paging functionality

to notify the client that the client has data; and

in response to the client connecting to the cellular network and requesting

the data, sending the data to the client.

2. (Original) The method of claim 1, wherein the sending the data to the

client comprises sending the data to the client using TCP/IP

(Transmission Control Protocol/Internet Protocol).

3. (Currently Amended) The method of claim 1, wherein the cellular based

network comprises GPRS (General Packet Radio System).

4. (Original) The method of claim 3, wherein the paging functionality

comprises a cellular based paging functionality.

5. (Original) The method of claim 4, wherein the paging functionality

comprises SMS (Short Message System).

6. (Currently Amended) A method comprising:

receiving a page from a paging functionality, the page being indicative of,

and in response to data arriving onone on one of a number of

servers in a cellular network; and

in response to receiving the page, connecting to the cellular network to

receive the data.

7. (Currently Amended) The method of claim 6, wherein the cellular-telephony-based network comprises GPRS (General Packet Radio System).

8. (Original) The method of claim 7, wherein the paging functionality comprises SMS (Short Message System).

9. (Original) The method of claim 6, wherein the page comprises a server identification corresponding to the server.

10. (Currently Amended) The method of claim 6, wherein said connecting is an automatic operation the connection is made automatically.

11. (Currently Amended) The method of claim 6, wherein the connection is made manually said connecting is a manual operation performed by a user on the client.

12. (Currently Amended) The method of claim 6, wherein said receiving the page comprises receiving the page on the client comprises a mobile device.

13. (Currently Amended) An apparatus comprising:

a detector module to detect data arriving for a given client on a server in a cellular network having one or more servers;

a lookup module to determine the given client's paging address in response to the detector module detecting data arriving on one of the servers, the determining in response to the detector module detecting data; and

a callout module to utilize a paging functionality to notify the client that the

client has data, the notifying in response to the detector module

detecting data arriving on one of the <u>one or more</u> servers ~~lookup~~

~~module determining the client's paging address~~.

14.   (Original) The apparatus of claim 13, wherein the cellular network

comprises GPRS (General Packet Radio System).

15.   (Original) The apparatus of claim 14, wherein the paging functionality

comprises a cellular based paging functionality.

16.   (Currently Amended) The ~~method~~ <u>apparatus</u> of claim 15, wherein the

paging functionality comprises SMS (Short Message System).

17.   (Currently Amended) An apparatus comprising:

means for detecting data arriving for a given client on a server in a cellular

network having one or more servers;

means for determining the given client's paging address ~~in response to the~~

~~detector module detecting data arriving on one of the servers, the~~

~~determining in response to the detector module detecting data~~; and

means for utilizing a paging functionality to notify the client that the client

has data, the notifying in response to the detector module detecting

data arriving on one of the <u>one or more</u> servers ~~lookup module~~

~~determining the client's paging address~~.

18.   (Original) The apparatus of claim 17, wherein the client comprises a

mobile device.

19.   (Original) The apparatus of claim 17, wherein the cellular network

comprises GPRS (General Packet Radio System).

20.   (Currently Amended) The ~~method~~ apparatus of claim 19, wherein the paging functionality comprises SMS (Short Message System).

21.   (Currently Amended) A system comprising:

at least one server, the server to:

    receive data for one or more clients in a cellular network;

    send the data to a given one of the clients in response to the given

        client connecting to the network and requesting the data; and

an interceptor in communication with the at least one server, the

    interceptor to:

    detect that one of the at least one servers has received data for a

        given client;

    determine the given client's paging address; and

    <u>in response to the interceptor detecting that one of the at least one</u>

        <u>servers has received data for a given client,</u> utilize a paging

        functionality to notify the given client that the given client has

        data.~~; and~~

~~the paging functionality in communication with the interceptor to notify the~~

    ~~given client that the given client has data.~~

22.   (Original) The system of claim 21, wherein the cellular network comprises GPRS (General Packet Radio System).

23.   (Currently Amended) The ~~method~~ system of claim 22, wherein the paging functionality comprises a cellular based paging functionality.

24. (Currently Amended) A machine-readable medium having stored thereon data representing sequences of instructions, the sequences of instructions which, when executed by a processor, cause the processor to perform the following:

detect data for a client, the data being detected on a server in a cellular network having one or more servers;

determine the client's paging address;

in response to detecting data for the client, utilize a paging functionality to notify the client that the client has data; and

in response to the client connecting to the cellular network and requesting the data, send the data to the client.

25. (Currently Amended) The ~~method~~ machine-readable medium of claim 24, wherein the sending the data to the client comprises sending the data to the client using TCP/IP (Transmission Control Protocol/Internet Protocol).

26. (Currently Amended) The ~~method~~ machine-readable medium of claim 24, wherein the cellular ~~based~~ network comprises GPRS (General Packet Radio System).

27. (Currently Amended) The ~~method~~ machine-readable medium of claim 26, wherein the paging functionality comprises SMS (Short Message System).

28. (Currently Amended) An apparatus comprising:

at least one processor; and

a machine-readable medium having instructions encoded thereon, which when executed by the processor, are capable of directing the

processor to:

detect data for a client, the data being detected on a server in a

cellular network having one or more servers;

determine the client's paging address;

in response to detecting data for the client, utilize a paging

functionality to notify the client that the client has data; and

in response to the client connecting to the cellular network and

requesting the data, send the data to the client.

29.   (Currently Amended) The ~~method~~ apparatus of claim 28, wherein the

sending the data to the client comprises sending the data to the client

using TCP/IP (Transmission Control Protocol/Internet Protocol).

30.   (Currently Amended) The ~~method~~ apparatus of claim 28, wherein the

cellular ~~based~~ network comprises GPRS (General Packet Radio System).